

ABSTRACT OF THE DISCLOSURE

[0019]

A two-stage fluid pressure control valve has five components. An inlet socket with separate fluid flow orifices sealably engages an outlet socket which also has separate fluid flow orifices. A pressure check piston having a fluid flow orifice along its longitudinal central axis slidably engages the inlet socket and the outlet socket. A spring located along the central axis of the outlet socket biases the pressure check piston in an open position, allowing fluid to flow through all orifices. Fluid flow through the control valve may impact the pressure check piston to overcome the spring force, moving the pressure check piston to a closed position, whereby fluid flows only through the orifice in the pressure check piston.